

REFERENCES AND REVIEWS

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are now being made with a recording infrared scanning device. These temperature differences may prove useful in diagnosing the nature of breast lumps.

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A REEVALUATION OF BRONCHIECTASIS USING FUME FIXATION
—W. Hentel, A. N. Longfield, and J. Gordon. *Dis. Chest.*
—Vol. 41:41 (Jan.) 1962.

Introduction of fume fixation-inflation of lung specimens has brought renewed interest in the study of bronchiectasis. The 3-dimensional studies provide further insight into hitherto unseen facets of pulmonary histopathology. The authors' observations indicate two separate forms of bronchiectasis, which are distinguishable in the gross as well as in the 3-dimensional studies of the histologic sections.

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VARIATIONS IN CATALASE ACTIVITY IN HUMAN LEUKOCYTES
—C. Kidson. *Blood*—Vol. 19:82 (Jan.) 1962.

Catalase activity was studied in normal leukocytes and in leukocytes from patients with leukemia and infections. Higher levels of activity were observed in normal granulocytes than in lymphocytes. Normal lymphocyte levels were present in acute and chronic lymphatic leukemia. Low levels were present in infection, and very high levels in acute and chronic myeloid leukemia. Changes are discussed in relation to leukocyte age.

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EFFECT OF THIOPENTAL INDUCTION ON CARDIAC OUTPUT IN MAN—H. Flickinger, W. Fraimow, R. T. Cathcart, and T. F. Nealon. *Anesth. Analg.*—Vol. 40:693 (Nov.-Dec.) 1961.

Cardiac output was measured in 12 patients before and after the induction of anesthesia with thiopental. A significant decrease in cardiac output was observed in 83 per cent of the patients studied. The mechanisms of this diminution are discussed. The clinical significance of these changes when compounded by other factors attendant upon surgery is emphasized.

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CLINICAL TRIAL OF PRENYLAMINE LACTATE, A LONG-LASTING CORONARY DILATOR DRUG—D. F. Kerridge, S. J. Mazurkie, and D. Verel. *Canad. Med. Ass. J.*—Vol. 85:1352 (Dec. 16) 1961.

In a double-blind trial, prenylamine lactate was found to reduce the intake of trinitrin tablets in patients with angina pectoris to a significantly greater extent than an identical placebo. The results of a simple exercise test were equivocal in that all subjects exercised less well while taking both the control tablet and the placebo. This anomalous result was probably due to a decrease in interest in the exercise test on the part of the subject. Prenylamine lactate is an effective long-lasting coronary vasodilator drug.

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TESTING SKIN SURFACE FOR GLUCOSE—A. M. Parker. *Diabetes*—Vol. 11:49 (Jan.-Feb.) 1962.

Skin surface glucose determinations with clinistix were made on 27 diabetic and 21 nondiabetic subjects. In 48 subjects test correlation with urine and blood findings were found in 56.2 per cent. In diabetics with glycosuria and hyperglycemia the skin surface correlated in 33.3 per cent, and in diabetics and nondiabetics with normal blood and urine correlation was 25.7 per cent. A positive skin surface glucose test in three normals suggested a prediabetic state in two who had abnormal cortisone-glucose tolerance tests.

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Raddin, J.: Med. Times, July 1961

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Hootnick, H. J.: J. Am. Ger. Soc., 4:1021-1030, 1956

"Acts as a tonic besides the fact that it will regulate their bowels."

Marshall, W.: S. D. J. Med. & Pharm., 8:151-153, 1955

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